

# Plain and Reinforced Concrete Laboratory Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 7721 Dr. Aqsa

### To: Engineer's Representative Metroplan-Asian JV, Site Office JIC-JHL, Lahore. (Asian Consulting Engineers Pvt. Ltd.)

Project: Establishment of Jinnah Institute of Cardiology of Jinnah Hospital, Lahore.

Our Ref. No. CL	(CED/ 5779	Dated:	03-09-24	Test Specification
Your Ref. No.	Metroplan-Asian JV JIC-JHL-RE-241-2024	Dated:	30-08-24	( )

## **COMPRESSION TEST REPORT**



### Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specime	ens received on:	0	2-09	-24	Tested on:	03-0	)9-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
				1	( )				· · /	/		
1	Hollow Block	25	8	2024	15.9x7.9x8.0		23.6	76.25	27	793		
2	Hollow Block	25	8	2024	15.9x7.9x8.0		24.6	76.25	36	1058		
3	Solid Block	24	8	2024	12.0x8.0x7.9		27.5	92.88	76	1833		
4	Solid Block	24	8	2024	12.0x8.0x7.9		27	92.88	67	1616		
5	Solid Block	24	8	2024	12.0x6.0x8.0	NHINE	21.4	70.56	72	2286		
6	Solid Block	24	8	2024	12.0x6.0x8.0		21	70.56	60	1905		
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. \* as engraved on the specimens (if any)

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

2. The test results are recommended to be interpreted in the light of above factors by the engineer.



ORIGINAL A carbon copy for the report has been retained in the lab for record.

> 7704 Dr. Aqsa

#### To: Sub Divisional Officer

Public Health Engg: Sub Division, Sialkot.

Project: Construction of Nullah and Providing and Laying of RCC Sewer from Village Kharotan Syedian to Nullah Palkhoo Pulli to Khana, Tehsil & District Sialkot. Our Ref. No. CL/CED/ 5780 Dated: 03-09-24 Dated: 27-05-24

Your Ref. No. 106/sd

# COMPRESSION TEST REPORT



**Test Specification** 

(----)

### Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	2	9-08·	-24	Tested on:	03-0	9-24	in dry/we	t condition			
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2760	29.64	69	5215		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2780	29.64	71	5366		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2565	29.64	40	3023		
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Witness	sed by:											

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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Public Health Engg: Sub Division, Sialkot. Project: Construction of Nullah and Providing and Laying of RCC Sewer from Village Kharotan Syedian to Nullah Palkhoo Pulli to Khana, Tehsil & District Sialkot. Our Ref. No. CL/CED/ 5781 Dated: 03-09-24 **Test Specification** Your Ref. No. 5/sd Dated: 10-01-24

## **COMPRESSION TEST REPORT**



(----)

7704

### Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	2	9-08	-24	Tested on:	03-0	9-24	in dry/we	condition			
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	S				9 x 4.4 x 3		3350	39.6	22	1244		
2	S				9 x 4.2 x 3.1		3410	37.8	20	1185		
3	S				8.9 x 4.3 x 3		3385	38.27	32	1873		
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Witness	ad by:											

#### Witnessed by:

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2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Buildings Sub Division No.3, Lahore. Project: Strengthing of Specialized Health Care & Medical Education Department, Lahore. (M/S Prime **Construction Co.)** Our Ref. No. CL/CED/ 5782 Dated: 03-09-24 Your Ref. No. 1101-03 TU Dated: 01-08-24

## COMPRESSION TEST REPORT

### Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specime	ens received on:	1	9-08	-24	Tested on:	03-0	9-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD		Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:2:4)	12	7	2024	6x6x6		8.4	36	66	4107		Non Engraved
2	(1:2:4)	12	7	2024	6x6x6		9	36	81	5040		Non Engraved
3	(1:2:4)	12	7	2024	6x6x6		8.4	36	54	3360		Non Engraved
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#### Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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## **Director/Dy. Director Concrete Laboratory**

7630

**Test Specification** 

(BS 1881-116)



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL A carbon copy for the report has been retained in the lab for record.

> 7726 Dr. Aqsa

#### To: Mr. Junaid Aslam

Project Manager, Tawasul Developers (Pvt) Ltd.

Project: Construction of Creek Tower 6-D Upper Mall Lahore. (Contractor: Ravi Construction Company)

Our Ref. No. CL/CED/ 5783	Dated:	03-09-24	Test Specification
Your Ref. No. Nil	Dated:	03-09-24	(ASTM C39)

## COMPRESSION TEST REPORT

### Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers



Specime	ens received on:	0	3-09	-24	Tested on:	03-0	9-24	in dry/wet	condition		[	i e de la companya de
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(4000 Psi)	5	8	2024	6Diax12		12.6	28.28	25	1980		Non Engraved
2	(4000 Psi)	5	8	2024	6Diax12		12.6	28.28	26	2059		Non Engraved
3	(4000 Psi)	5	8	2024	6Diax12		12.4	28.28	22	1743		Non Engraved
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Supervisor (Lab)



0:	Executive Engineer (B&W)			
	UVAS, Lahore.			
	Project: Construction of Wrestling Academy at Sport Con	nplex City Campus, UVA	S, Lahore. (M/S Shaho	een
	Construction Company)			
	Our Ref. No. CL/CED/ 5784	Dated:	03-09-24	Test Specification
	Your Ref. No. E.E 908	Dated:	28-08-24	(ASTM C39)

## **COMPRESSION TEST REPORT**

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers												
Specim	ens received on:	2	8-08	-24	Tested on:	03-0	9-24	in dry/wet	condition		[	jestegi
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(5000 Psi)	29	7	2024	6Diax12		14	28.28	108	8554		Engraved
2	(5000 Psi)	29	7	2024	6Diax12		14	28.28	93	7366		Engraved
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### Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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## Director/Dy. Director Concrete Laboratory



the report has been retained in the lab for record.

> 7696 Dr. Aqsa

ORIGINAL A carbon copy for



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 7713 Dr. Aqsa

### To: Mr. Muhammad Atif Khalil Project Manager (BMC), Banu Mukhtar Contracting (Pvt.) Ltd.

rioject manager (BMO), Band mukikar Contracting (rvt.) Etd.

Project: Burj-1 by AJWA Builders. (Main Building 4th Floor Zone-01, Shear Wall-02 Grids: C~D/2)

Our Ref. No. CL/	CED/ 5785	Dated:	03-09-24	Test Specification
Your Ref. No.	DOC-BMC/AJWA/171	Dated:	29-08-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



### Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	3	80-08	-24	Tested on:	03-0	9-24	in dry/we	t condition		Ü	je ske gj
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(6000 Psi)	27	7	2024	6Diax12		14	28.28	81	6416		Non-Engraved
2	(6000 Psi)	27	7	2024	6Diax12		14	28.28	91	7208		Non-Engraved
3	(6000 Psi)	27	7	2024	6Diax12		14.6	28.28	80	6337		Non-Engraved
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Witnessed by: Nil												

### Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Supervisor (Lab)



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL A carbon copy for the report has been retained in the lab for record.

> 7713 Dr. Aqsa

To:	Mr. Muhammad A Project Manager	tif Khalil (BMC), Banu Mukhtar Contracting Pvt. Ltd.								
	Project: Burj-1 by AJWA Builders. (Main Building 4th Floor Zone-01, Column # 05 Nos., Grids: H'/2a3,G/3,F/3,E/3)									
	Our Ref. No. CL/C	ED/ 5786	Dated:	03-09-24						
	Your Ref. No.	DOC-BMC/AJWA/170	Dated:	29-08-24						

# COMPRESSION TEST REPORT



Test Specification (ASTM C39)

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimo	ens received on:	3	0-08	-24	Tested on:	03-0	)9-24	in dry/we	t condition		Ë	je 2029)
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(6000 Psi)	24	7	2024	6Diax12		14.6	28.28	81	6416		Non-Engraved
2	(6000 Psi)	24	7	2024	6Diax12		14.2	28.28	84	6653		Non-Engraved
3	(6000 Psi)	24	7	2024	6Diax12		14.2	28.28	84	6653		Non-Engraved
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Project: (Structure: DG & ODU), Site ID-53879			
Our Ref. No. CL/CED/ 5787	Dated:	03-09-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

### Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	2	9-08	-24	Tested on:	03-0	)9-24	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:1.5:3 and 1:4:8)	29	7	2024	6x6x6		8.6	36	70	4356		Non Engraved
2	(1:1.5:3 and 1:4:8)	29	7	2024	6x6x6		8	36	82	5102		Non Engraved
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5					<	NETNE	RING					
6					)	READ IN	2071					
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	ed by: Nil											

#### Witnessed by: Nil

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**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Mobile: 0307-0496895 Landline: 042-99029245 & 042-99029202

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> 7712 Dr. Aqsa

#### To: Mr. Muhammad Jan

Senior Site Inspector, Designmen Consulting Engineers Pvt. Ltd.

Project: Construction of Allama Iqbal Open University, Regional Campus Building at Sheikhupura.

Our Ref. No. CL/	/CED/ 5788	Dated:	03-09-24	Test Specification
Your Ref. No.	P-348/2022/AIOU-SKP/LAB/24	Dated:	27-08-24	( BS 1881-116 )

## COMPRESSION TEST REPORT



### Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	3	0-08	-24	Tested on:	03-0	)9-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	First Floor Columns, Pour-II	20	8	2024	6x6x6	(r.g/ gills) 	(Kg/ gills) 8.2	36	56	(psi) 3484		Engraved
2	First Floor Columns, Pour-II	20	8	2024	6x6x6		8.4	36	57	3547		Engraved
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**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

7720 Dr. Aqsa

To: Engr. M. Imran
--------------------

Resident Engineer, Master Consulting Engineers (Pvt.) Ltd.

Project: Construction of 07-Storey Residential Block Having Minimum 100 Rooms with Attached Bathroom Facilities at Gurdwara Janamasthan Nankana Sahib Our Ref. No. CL/CED/ 5789 Dated: 03-09-24 Your Ref. No. NKB/RE/MCE/RCC/13 Dated: 02-09-24

# COMPRESSION TEST REPORT



**Test Specification** 

(BS 1881-116)

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specime	ens received on:	0	2-09	-24	Tested on:	03-0	)9-24	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Raft (1:1.5:3)	6	8	2024	6x6x6		9	36	105	6533		Engraved
2	Raft (1:1.5:3)	6	8	2024	6x6x6		9	36	112	6969		Engraved
3	Raft (1:1.5:3)	6	8	2024	6x6x6		8.8	36	114	7093		Engraved
4												
5						THE	RING A					
6						READIN	207					
7						OF THY CORD WHO OREATES	زیجک الکی خلق ر	1				
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13												
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15												
16												
Witness	ed by:											

### witnessea by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. \* as engraved on the specimens (if any)

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

2. The test results are recommended to be interpreted in the light of above factors by the engineer.



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

7674 Dr. Aqsa

To: Engr. Haseeb Afzal Project Manager, HMB Developers Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/	CED/ 5790	Dated:	03-09-24	Test Specification
Your Ref. No.	HMBDPL/S.O/08/24/01 (LHR)	Dated:	23-08-24	( )

-

# COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	2	3-08	-24	Tested on:	03-0	)9-24	in dry/wet	condition			jester
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MIN	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	- ()	
1	ΡΤΙ				8.9 x 4.4 x 3	3775	3260	39.16	38	2174	15.8	
2	ΡΤΙ				8.9 x 4.3 x 3.1	3855	3410	38.27	31	1814	13.05	
3	ΡΤΙ				9 x 4.4 x 3	3830	3395	39.6	28	1584	12.81	
4												
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14												
15												
16												
Witness												

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Supervisor (Lab)



# **Plain and Reinforced Concrete Laboratory**

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

7674 Dr. Aqsa

To: Engr. Haseeb Afzal Project Manager, HMB Developers Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/0	CED/ 5791	Dated:	03-09-24	Test Specification
Your Ref. No.	HMBDPL/S.O/08/24/01 (LHR)	Dated:	23-08-24	( )

# **COMPRESSION TEST REPORT**



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 23-08-24 Tested on: 0					03-0	9-24	in dry/we	t condition				
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	к				9 x 4.3 x 3	3775	3295	38.7	30	1736	14.57	
2	к				9 x 4.3 x 3	3810	3355	38.7	38	2199	13.56	
3	к				9 x 4.3 x 3	3745	3250	38.7	30	1736	15.23	
4												
5						STATI	RING					
6					- )	READ IN	2071					
7						OF THY GREATES	ز <del>ب</del> ک اند کی خلق ر	133				
8					1							
9								<b>N</b>				
10					<	LA	IORE					
11												
12												
13												
14												
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16												
Witnessed by:												

### witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Supervisor (Lab)

## Director/Dy. Director Concrete Laboratory



# **Plain and Reinforced Concrete Laboratory**

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

7674 Dr. Aqsa

To: Engr. Haseeb Afzal Project Manager, HMB Developers Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/0	CED/ 5792	Dated:	03-09-24	Test Specification
Your Ref. No.	HMBDPL/S.O/08/24/01 (LHR)	Dated:	23-08-24	( )

## **COMPRESSION TEST REPORT**



### Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	2	3-08	-24	Tested on:	03-0	)9-24	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	НВ				8.8 x 4.2 x 2.9	3730	3340	36.96	35	2121	11.68	
2	НВ				8.8 x 4.2 x 2.9	3735	3300	36.96	41	2485	13.18	
3												
4												
5					-	THIE	RIA-					
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13												
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15												
16												
Witness	Witnessed by:											

### Witnessed by:

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To: Engr. Haseeb Afzal Project Manager, HMB Developers Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/	CED/ 5793	Dated:	03-09-24	Test Specification
Your Ref. No.	HMBDPL/S.O/08/24/01 (LHR)	Dated:	23-08-24	( )

-

## **COMPRESSION TEST REPORT**



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

-

Specimens received on:		2	3-08	-24	Tested on:	03-0	9-24	in dry/wet	t condition			je stag
Sr. No.	Mark*		-	Date*		Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	SR				8.8 x 4.2 x 2.9	3645	3190	36.96	28	1697	14.26	
2	SR				8.9 x 4.3 x 3	3825	3345	38.27	32	1873	14.35	
3												
4						/						
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6					>	READ N						
7						OF THY GRAD WHO OREATES	زیجب اندکی خلق ر					
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14												
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16												
Witnessed by:												

### witnessed by:

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**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

7689 Dr. Aqsa

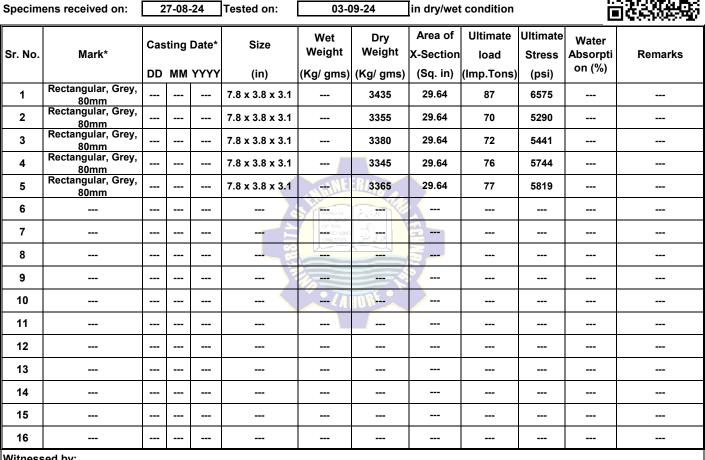
To: Mr. Muhammad Yaqoob CAL World Engineering Pvt. Ltd.

Drojaat: Nil

Plojeci. Nii			
Our Ref. No. CL/CED/ 5794	Dated:	03-09-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	( )

# COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers



### Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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# **Plain and Reinforced Concrete Laboratory Civil Engineering Department**

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

7607 Dr. Aqsa

То:	Mr. Muhammad Hassan Khan Resident Engineer, Highways and Transportation Enigineering Division. NESPAK (Pvt) Ltd.										
	•	iction of Carpet / PCC / Tuff Tile and Drainage I S USMAN ILYAS & CO.)	Facilities in UC No.	197, Dahaloki, Lahor	е.						
	Our Ref. No. CL	(CED/ 5795	Dated:	03-09-24	Test Specification						
	Your Ref. No.	3772/103/MHK/ADP/Dhaloki-(UI)/11	Dated:	13-08-24	( BS 3921** )						

# COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	1	3-08	-24	Tested on:	03-0	)9-24	in dry/wet	condition			jenes
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N				8.6 x 4.1 x 2.8	2970	2620	35.26	27	1715	13.36	
2	N				8.8 x 4.2 x 2.8	3090	2710	36.96	41	2485	14.02	
3	N				8.5 x 4.2 x 2.9	2975	2615	35.7	28	1757	13.77	
4	N				8.8 x 4.2 x 3	3180	2830	36.96	27	1636	12.37	
5	N				8.6 x 4.2 x 2.8	3010	2610	36.12	29	1798	15.33	
6	KS				8.6 x 4.3 x 2.8	2820	2525	36.98	26	1575	11.68	
7	KS				8.8 x 4.2 x 2.9	3060 WHO	2785	36.96	22	1333	9.87	
8	KS				8.9 x 4.3 x 3	3010	2945	38.27	17	995	2.21	
9	KS				8.6 x 4.3 x 2.9	2990	2630	36.98	20	1211	13.69	
10	KS				8.8 x 4.3 x 3	2970	2660	37.84	24	1421	11.65	
11												
12												
13												
14												
15												
16												
Witness	ed by:											

### witnessea by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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